

APPLICANT FACS/MILE OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO UIZ-003DVCN	SERIAL NO 09/541,873
PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Pearson, James P. et al.	GROUP 165
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AT AA	WO 92/18614	10/92	PCT			

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AT AB	Bainton, et al., "A general role for the <i>lux</i> autoinducer in bacterial cell signalling: control of antibiotic biosynthesis in <i>Erwinia</i> ," <i>Gene</i> , 1992, vol. 116, 87-91,
AT AC	Bainton, et al., "N-(3-Oxohexanoyl)-L-homoserine lactose regulates carbapenem antibiotic production in <i>Erwinia carotovora</i> ," <i>Biochemistry Journal</i> , 1992, vol. 288, 997-1004,
AT AD	Bever, et al., "Molecular Characterization and Nucleotide Sequence of the <i>Pseudomas aeruginosa</i> Elastase Structural Gene," <i>Journal of Bacteriology</i> , 1988, vol. 170, no. 9, 4309-4314,
AT AE	Cao, et al., "Biosynthesis and Stereochemistry of the Autoinducer Controlling Luminescence in <i>Vibrio harveyi</i> ," <i>Journal of Bacteriology</i> , 1993, vol. 175, no. 12, 3856-3862,
AT AF	Cao, et al., "Purification and Structural Identification of an Autoinducer for the Luminescence System of <i>Vibrio harveyi</i> ," <i>Journal of Biological Chemistry</i> , 1989, vol. 264, no. 36, 21670-21676,
AT AG	Choi, et al., "Genetic Dissection of DNA Binding and Luminescence Gene Activation by the <i>Vibrio fischeri</i> LuxR Protein," <i>Journal of Bacteriology</i> , 1992, vol. 174, no. 12, 4064-4069,
AT AH	Eberhard, et al., "Analogs of the autoinducer of bioluminescence in <i>Vibrio fischeri</i> ," <i>Archives of Microbiology</i> , 1986, vol. 146, no. 35, 35-40,
AT AI	Eberhard, et al., "Structural Identification of Autoinducer of <i>Photobacterium fischeri</i> Luciferase," <i>Biochemistry</i> , 1981, vol. 20, 2444-2449,
AT AJ	Eberhard, et al., "Synthesis of the lux gene autoinducer in <i>Vibrio fischeri</i> is positively autoregulated," <i>Archives of Microbiology</i> , 1991, vol. 155, 294-297,
AT AK	Gambello and Iglesias, "Cloning and Characterization of the <i>Pseudomonas aeruginosa lasR</i> Gene, a Transcriptional Activator of Elastase Expression," <i>Journal of Bacteriology</i> , 1991, vol. 173, no. 9, 3000-3009,
AT AL	Goswami, et al., "Microbial Hydroxylation of Quadrone to 8a-Hydroxyquadrone," <i>Journal of Natural Products</i> , 1987, vol. 50, no. 1, 49-54,
AT AM	Hoiby, "Pseudomonas Aeruginosa Infection in Cystic Fibrosis," <i>Acta Path. Microbiol. Scand. Sect. B</i> , 1974, vol. 82, 551-558,
AT AN	Iglesias and Kabat, "NAD-Dependent Inhibition of Protein Synthesis by <i>Pseudomonas aeruginosa</i> Toxin," <i>PNAS</i> , 1975, vol. 72, 2284-2288,
AT AO	Iglesias, et al., "Pseudomonas aeruginosa exoenzyme S: An adenosine diphosphate ribosyltransferase distinct from toxin A," <i>PNAS</i> 1978, vol. 75, no. 7, 3211-3215,
AT AP	Jones, et al., "The lux autoinducer regulates the production of exoenzyme virulence in <i>Erwinia carotovora</i> and <i>Pseudomonas aeruginosa</i> ," <i>EMBO Journal</i> , 1993, vol. 12, no. 6, 2477-2482,
AT AQ	Kaplan and Greenberg, "Diffusion of Autoinducer Is Involved in Regulation of the <i>Vibrio fischeri</i> Luminescence System," <i>Journal of Bacteriology</i> , 1985, vol. 163, 1210-1214,

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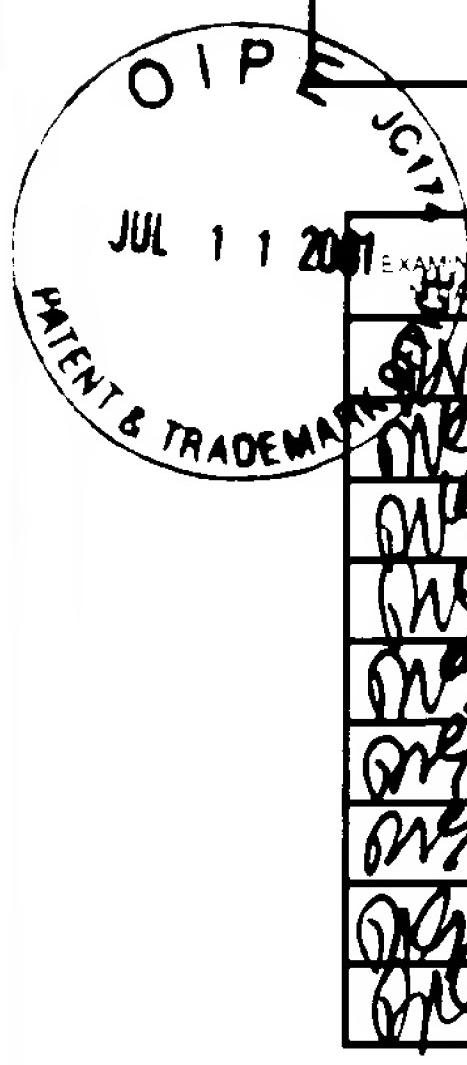
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MS	C2 4,709,016	11/87	Giese	530	389	
MS	C3 5,239,088	08/93	Hoffman et al.	549	321	
MS	C4 5,320,805	06/94	Kramer et al.	422	28	
MS	C5 5,536,750	07/96	DeSolms et al.	514	538	
MS	C6 5,591,872	01/97	Pearson et al.	549	321	
MS	C7 5,593,827	01/97	Bycroft et al.	435	6	
MS	C8 5,686,472	11/97	Anthony et al.	514	357	
MS	C9 6,020,121	02/2000	Bao et al.	435	4	

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	C11 JP 00045568	03/85	Japan			Abstr. <input checked="" type="checkbox"/>
MS	C12 WO 92/18614	10/92	PCT			
MS	C13 WO 96/29392	09/96	PCT			
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MS	C16	Allison, D.G. et al., "The role of polysaccharides in adhesion of freshwater bacteria," <i>J. Gen. Microbiol.</i> , 133:1319-1327 (1987);
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MS	C20	Boyd, A. et al., "Sequence of the algL gene of <i>pseudomonas aeruginosa</i> and purification of its alginate lyase product," <i>Gene</i> , 131:1-8 (1993);
MS	C21	Boyd, A. et al., "Role of the alginate lyase in cell attachment of <i>pseudomonas aeruginosa</i> ," <i>Appl. Environ. Microbiol.</i> , 60:2355-2359 (1994);
MS	C22	Brint, J.M. et al., "Synthesis of multiple exoproducts in <i>pseudomonas aeruginosa</i> is under the control of RH1R-Rh1I. Another set of regulators in strain PAO1 with homology to the autoinducer-responsive LuxR-LuxI family," <i>J. Bacteriol.</i> , 177:7155-7163 (1995);
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<i>MG</i>	D2	Costerton, J.W. et al., "Bacterial biofilms in nature and disease," <i>Ann. Rev. Microbiol.</i> , <u>41</u> :435-464 (1987);
	D3	<del>Database Medline Express, US National Library of Medicine, (Bethesda, MD, USA) No. 9730387, C. Reimann et al. "The global activator GacA of Pseudomonas aeruginosa PAO positively controls the production of the autoinducer N-butyryl-homoserine lactone and the formation of the virulence factors pyocyanin, cyanide, and lipase" Abstract, Molecular Microbiology, April 1997, vol. 24, no. 2, pp. 309-319;</del> <i>ABSTRACT ONLY</i>
<i>MG</i>	D4	Davies, D.G. et al., "Exopolysaccharide production in biofilms. Substratum activation of alginate gene expression by pseudomonas aeruginosa," <i>Appl. Environ. Microbiol.</i> , <u>59</u> :1181-1186 (1993);
<i>MG</i>	D5	Davies, D.G. et al., "Regulation of the alginate biosynthesis gene algC in pseudomonas aeruginosa during biofilm development in continuous culture," <i>Appl. Environ. Microbiol.</i> , <u>61</u> :860-867 (1995);
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<i>MG</i>	D7	Finlay, B.B. et al., "Common themes in microbial pathogenicity," <i>Microbiol. Rev.</i> , <u>53</u> :210-230 (1989);
<i>MG</i>	D8	Fletcher, M. "Adherence of marine micro-organisms to smooth surfaces," pp. 347-371. In Beachey, E.H. (ed.), <i>Bacterial Adherence (receptors and recognition, series 3 vol. 6.)</i> Chapman & Hall, London (1980);
<i>MG</i>	D9	Floodgate, G.D. "The mechanism of bacterial attachment to detritus in aquatic systems," <i>Memorie dell'Istituto Italiano di idrobiologica Dott. Carco di Marchi 29 (suppl.)</i> , 309-323 (1972);
<i>MG</i>	D10	Fuqua, W.C. et al. "Quorum sensing in bacteria: The luxR-luxI family of cell density-responsive transcriptional regulators," <i>J. Bacteriol.</i> , <u>176</u> :269-275 (1994);
<i>MG</i>	D11	Gacesa, P., "Alginate-modifying-enzymes. A proposed unified mechanism of action for the lyases and epimerases," <i>FEBS Lett.</i> , <u>212</u> :199-202 (1987);
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<i>MG</i>	D13	Geesey, G.G. et al., "Microscopic examination of natural sessile bacterial populations from Alpine streams," <i>Can. J. Microbiol.</i> , <u>23</u> :1733-1736 (1997);
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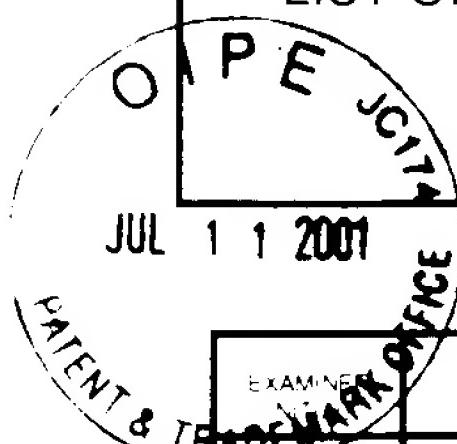
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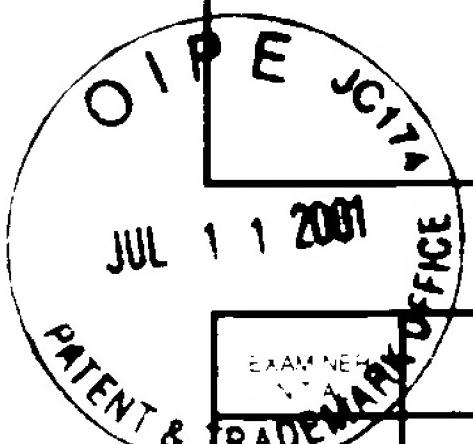
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<i>MR</i>	E10	Ochsner, U.A., et al., "Autoinducer-mediated regulation of rhamnolipid biosurfactant synthesis in pseudomonas aeruginosa," <i>PNAS USA</i> , <u>92</u> :6424-6428 (1995);
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<i>MS</i>	F7	Swift, S. et al., "A novel strategy for the isolation of <i>lux</i> /homologues evidence for the widespread distribution of a LuxR:Lux1 superfamily in enteric bacteria," <i>Mol. Microbiol.</i> 10:511-520 (1993);
<i>MS</i>	F8	Tashiro, H. et al., "Penetration of biocides into biofilms," <i>Wat. Sci. Technol.</i> 23:1395-1403 (1991);
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<i>MS</i>	F13	Zobell, C.E., "The effect of solid surfaces upon bacterial activity," <i>J. Bacteriol.</i> 46:39-56 (1943).

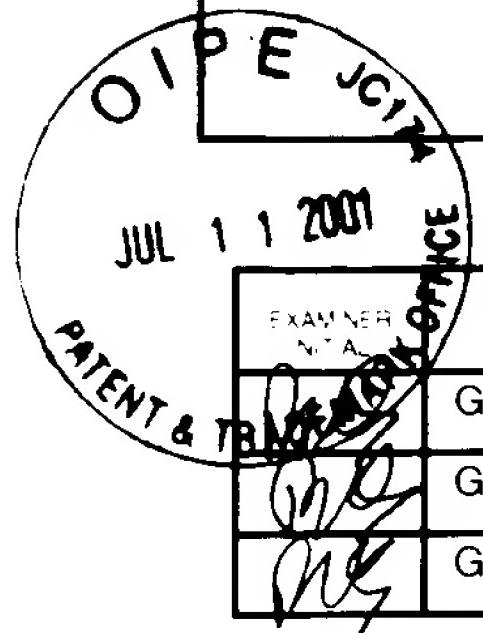
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G2	09/319,580		Davies et al.			06/09/1999
G3	09/591,476		Davies et al.			06/09/2000

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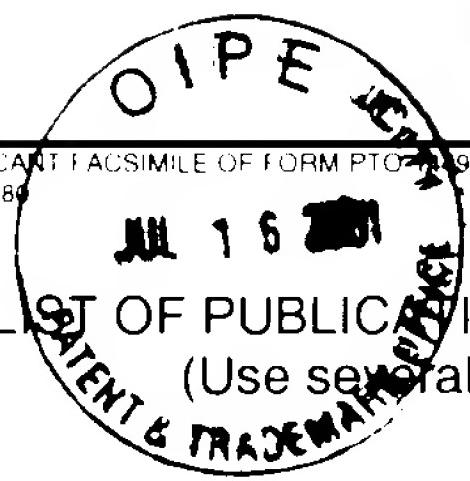
 

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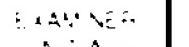
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**OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)**

Examiner

**Date Considered**

7-14-03

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